

The University of Jordan

Faculty: Pharmacy Department: Biopharmaceutics and Clinical Pharmacy

Program: PharmD

Ambulatory Care Clerkship 1203608

Fall semester 2014/2015

<b>Credit hours</b>	3	<b>Level</b>	5 <sup>th</sup> year	<b>Pre-requisite</b>	
<b>Coordinator/Lecturer</b>	Dr. Sameh Al-Zubiedi	<b>Office #</b>	206	<b>Office phone</b>	23368
<b>Course website</b>	-	<b>E-mail</b>	s.alzubiedi@ju.edu.jo	<b>Place &amp; time</b>	Sun Tues Thur 11:00-12:00

**Office hours:** (to be announced)

<b>Day/time</b>	<b>Sun</b>	<b>Mon</b>	<b>Tue</b>	<b>Wed</b>	<b>Thu</b>

### Course outcomes

**Upon completion of the course, the student is expected to be able to:**

1. Observe and participate in activities involving the delivery of quality, comprehensive pharmaceutical care
2. Develop specific competencies for the practice of ambulatory
3. Become familiar with practicing medicine in the outpatient setting
4. Effectively communicate with other health care professionals and patients
5. Advise patients on appropriate drug therapy based on efficacy, safety, and cost

### Intended Learning Objectives

#### **A. Knowledge and understanding:**

1. To provide students with the knowledge of clinical manifestations, complications, goals of pharmacotherapy and patient education as they relate to outpatient settings
2. To provide students with the knowledge of clinical uses, clinically significant side effects & drug interactions and contraindications to medications as they relate to outpatient settings
3. To review common procedures and skills used in outpatient settings

#### **B. Intellectual skills:**

1. The student will integrate multiple clinical practice experiences into an understanding of primary care practice in the community setting.
2. The student will observe and discuss basic management techniques for the efficient operation of a primary care practice

#### **C. Subject-specific skills:**

1. To develop skills in obtaining medication histories, necessary physical assessment, assessing the appropriateness of a medication regimen, patient counseling and monitoring, and providing appropriate drug information to both patients and physicians
2. Utilize principles of primary care in working with patients in ambulatory care settings

#### D. Transferable skills:

1. To provide pharmaceutical care to patients in both a multidisciplinary outpatient setting
2. To provide advise physicians and other health care professionals on appropriate drug therapy based on clinical efficacy, safety, and cost effective prescribing
3. Update their knowledge on an ongoing basis through active dialogue with colleagues and review of the literature

#### Teaching Methods

- Clinical activities
- Assignments
- Case discussion

#### Course Material and Announcements

Students need to use the **Blackboard** in order to get all lecture handouts and guidelines which will be uploaded there.

In addition, course related announcements and exam results will be posted on the Blackboard and is the responsibility of each student to check the site regularly.

Username and password to access the course on the Blackboard ( <http://blackboard.ju.edu.jo> ) will be provided to students in the beginning of the semester.

#### Tests and Evaluation

<b>Clinical activities</b>	50%
<b>Meeting with academic supervisor</b>	10%
<b>Final exam</b>	40%

#### References:-

1. Principles of ambulatory medicine, ed. Barker LR. 7th ed, 2009. Lippincott Williams & Wilkins. **ISBN-13: 978-0781762274**
2. ACCP Ambulatory Care Pharmacist's Survival Guide, ACCP. 3<sup>rd</sup> ed.2013. ACCP. **ISBN-13: 978-1932658996**
3. Pharmacists Talking with Patients: A Guide to Patient Counseling, Rantucci. 2<sup>nd</sup> edition. Lippincott Williams & Wilkins. **ISBN-13: 978-0781763301**
4. Pharmacotherapy: A Pathophysiological Approach, ed. DiPiro, 9<sup>th</sup> edition, 2014. McGraw-Hill Medical. **ISBN-13: 978-0071800532.**
5. Applied Therapeutics: The Clinical Use of Drugs, ed. Koda-Kimble, 10<sup>th</sup> ed, 2013. Wolters Kluwer Health/Lippincott Williams & Wilkins. **ISBN-13: 978-1609137137.**
6. Pharmacotherapy Casebook: a Patient-focused Approach, ed. Schwinghammer TL, Koehler JM, 9<sup>th</sup> edition. 2014. McGraw-Hill Medical. **ISBN-13: 978-0071830133.**
7. Pharmacotherapy principles and practice. Chisholm-Burns MA, 3<sup>rd</sup> edition, 2013. McGraw-Hill Medical. **ISBN-13: 978-0071780469.**

#### Other Useful Sources:-

1. UpToDate. [www.uptodate.com](http://www.uptodate.com)
2. ACCP website

